3300 XL NSV

Product Data Sheet

330909-00-16-10-02-00

Armored proximity sensing probe

CASE THREAD	UNTHREADED SECTION	CASE LENGTH SELECTION	TOTAL PROBE LEAD
3/8-24 UNF	**0.0 in**	**1.6 in**	**1.0 m**

Bently Nevada 330909-00-16-10-02-00 is a 3300 XL NSv proximity probe for non-contacting vibration and position sensing. Its threaded case locates the sensing tip beside a conductive surface, while the integral lead connects the probe to the matching Proximitor arrangement.

01 TECHNICAL DATA

Case thread	3/8-24 UNF
Unthreaded section	0.0 in
Case length selection	1.6 in
Total probe lead	1.0 m
Lead armor	Stainless steel armor
Connector protector	Not fitted
Cable construction	75 ohm coaxial; FEP insulation
Probe tip material	PPS
Probe case alloy	AISI 304 stainless steel
Lead connection	Miniature coaxial ClickLoc

Bently Nevada 3300 XL NSv Datasheet 147385 Rev. R; applicable product description, specification and ordering sections.

02 ADDITIONAL PRODUCT DATA

Cable execution	Standard
Approval selection	00: approvals not required
Probe dc resistance	4.2 +/- 0.5 ohm
Matched-chain linear range	1.5 mm
Nominal matched-chain sensitivity	7.87 V/mm

03 PRODUCT FUNCTION

The 3/8-24 UNF body has a 1.6 in overall case and 0.0 in unthreaded section. A 1.0 m armored standard lead terminates in a miniature ClickLoc connector without a connector protector. The 00 suffix does not request agency approvals.

04 SYSTEM COMPATIBILITY

The complete matched 3300 XL NSv chain has a published 1.5 mm linear range and nominal 7.87 V/mm sensitivity under the manufacturer reference conditions. These are chain values, not a standalone voltage output from the unpowered probe. Preserve the documented target and clearance conditions.

05 REFERENCE

Bently Nevada 3300 XL NSv Datasheet 147385 Rev. R; applicable product description, specification and ordering sections.

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